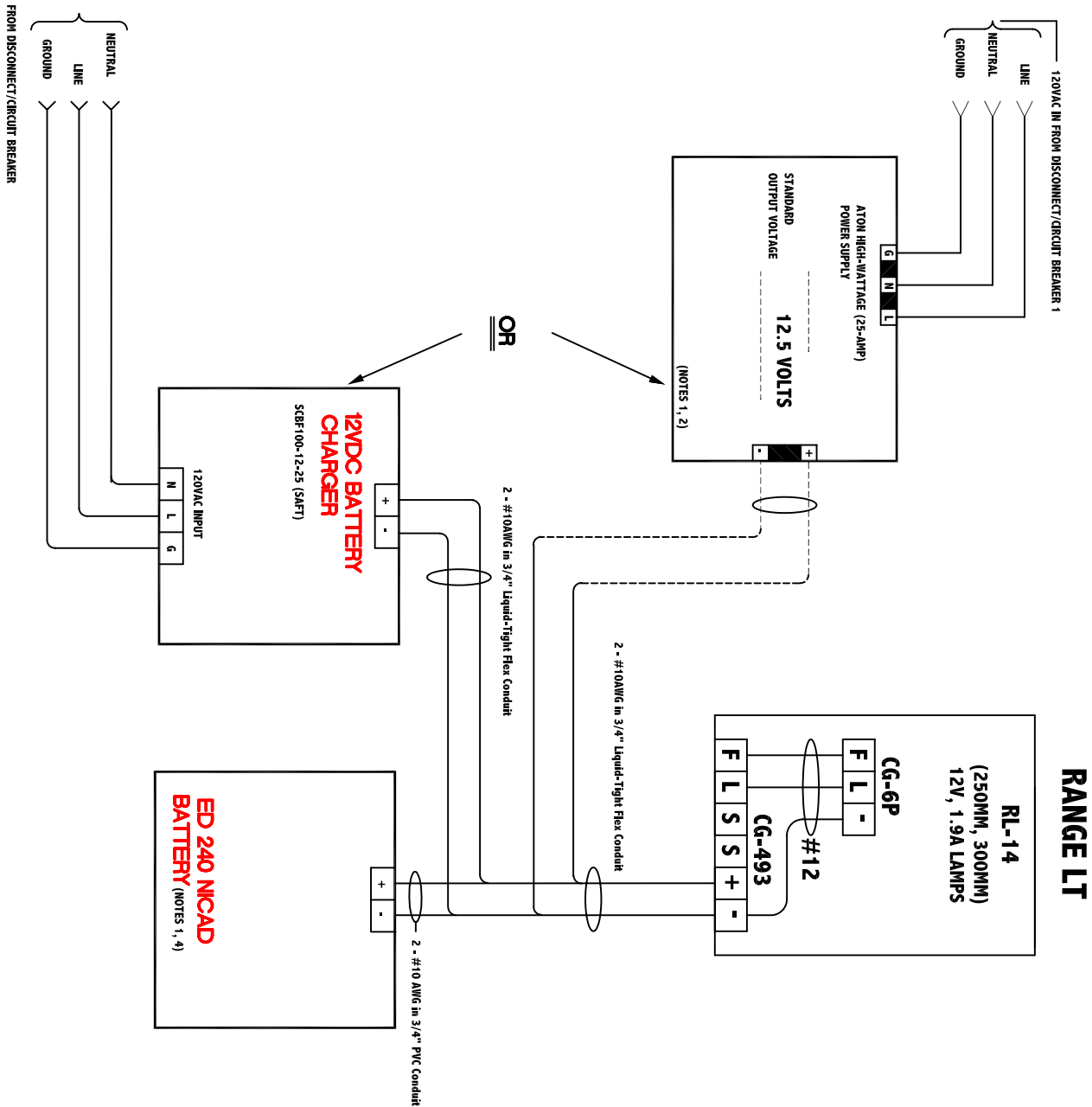


## POINT TO POINT WIRE RUNNING LIST

POINT TO POINT WIRE RUNNING LIST			
FROM	WIRE SIZE (AWG)	MAX DISTANCE (FT)	TO
IF USING ATON POWER SUPPLY			
120VAC, BREAKER, LINE	12		HW ATON PWR SPLY, PM C
120VAC, NEUTRAL BUS	12		HW ATON PWR SPLY, PM B
120VAC, GROUND BUS	12		HW ATON PWR SPLY, PM A
HW ATON PWR SPLY, PM A	10	10	RANGE LT, Gc-181 (+)
HW ATON PWR SPLY, PM B	10		RANGE LT, Gc-181 (-)
RANGE LT, Gc-181 (F)	12		RANGE LT, Gc-6P (F)
RANGE LT, Gc-181 (U)	12		RANGE LT, Gc-6P (U)
RANGE LT, Gc-181 (-)	12		RANGE LT, Gc-6P (-)
IF USING BATTERY CHARGER			
120VAC, BREAKER, LINE	12		BATT CHGR, LINE IN
120VAC, NEUTRAL BUS	12		BATT CHGR, NEUTRAL IN
120VAC, GROUND BUS	12		BATT CHGR, CASE GRND
ED 240 NICAD BATT (+)	10		BATTERY CHARGER (+)
ED 240 NICAD BATT (-)	10		BATTERY CHARGER (-)
BATT CHGR, 12VDC (+) OUT	10	10	RANGE LT, Gc-181 (+)
BATT CHGR, 12VDC (-) OUT	10	10	RANGE LT, Gc-181 (-)
RANGE LT, Gc-181 (F)	12		RANGE LT, Gc-6P (F)
RANGE LT, Gc-181 (U)	12		RANGE LT, Gc-6P (U)
RANGE LT, Gc-181 (-)	12		RANGE LT, Gc-6P (-)



## AC POWER SOURCE

**NOTES:**

1. INSTALL MAIN W/IN POWER SUPPLY OR NICAD BATTERY/BATTERY CHARGER AS CLOSE TO RANGE LIGHTS AS POSSIBLE OR ON LOW VOLTAGE ROP W/ SUCH THAT DC VOLTAGE DROP DOES NOT EXCEED 0.3 VOLTS.
2. CONNECTORS PROVIDED WITH POWER SUPPLY ARE MADE UP WITH 10' PITCULMS.
3. RANGE LANTERN, BEAM WIDTH, AND LAMPS DETERMINED BY INTENSITIES RECOMMENDED BY THE RANGE DESIGN PROGRAM.
4. USE ED-400 IF GREATER AUTONOMY IS NEEDED.
5. USE DAYLIGHT CONTROL FOR NIGHTTIME ONLY OPERATION.

## **BILL OF MATERIALS**

BILL OF MATERIALS			
ITEM	TYPE	SOURCE OF SUPPLY	QUANTITY
H/W ATON POWER SUPPLY	12VDC, 25A	CG-432	1
12VDC BATTERY, NICAD	ED 240	SAFT	10 CELLS
12VDC BATTERY CHARGER	SCBF100-12-25	CG-432	1
RANGE LT, RL-14	CARLISLE & FINCH	ELC	1
12VDC FLASHER	CG-493	ELC	1
12VDC LAMPCHANGER	CG-4P	ELC	1
LAMPS	12VDC, 1.9A	ELC	6

[illegible]

### PLOTTING SCALE: